

FIGURE 1: FEEDBACK CONTROL SYSTEM

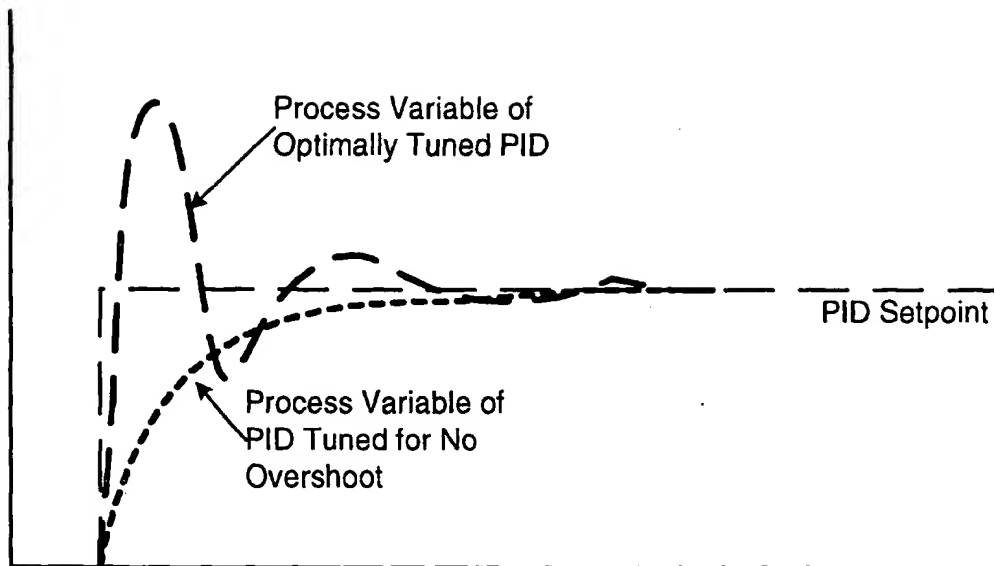


Figure 3: OPTIMALLY TUNED PID CONTROLLER CURVE
Prior Art Reference

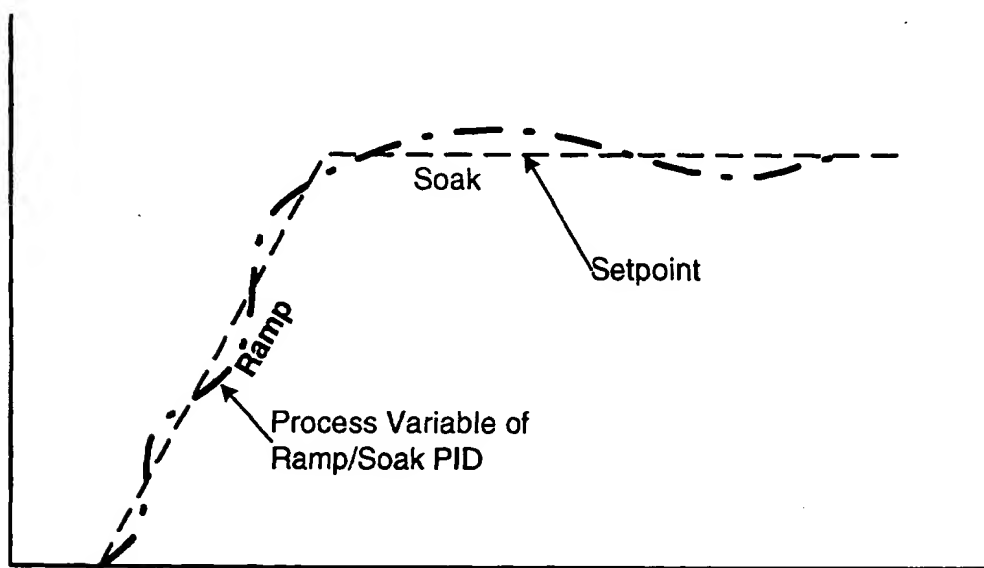


Figure 4: RAMP/SOAK CONTROLLER CURVE
Prior Art Reference

0974799.042904

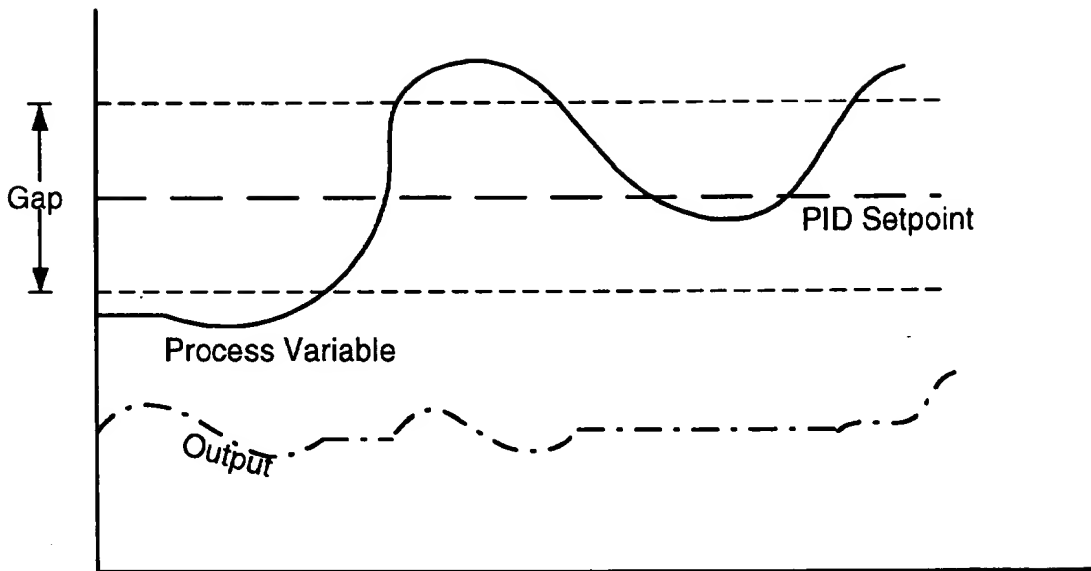


Figure 5: PID GAP CONTROLLER CURVE
Prior Art Reference

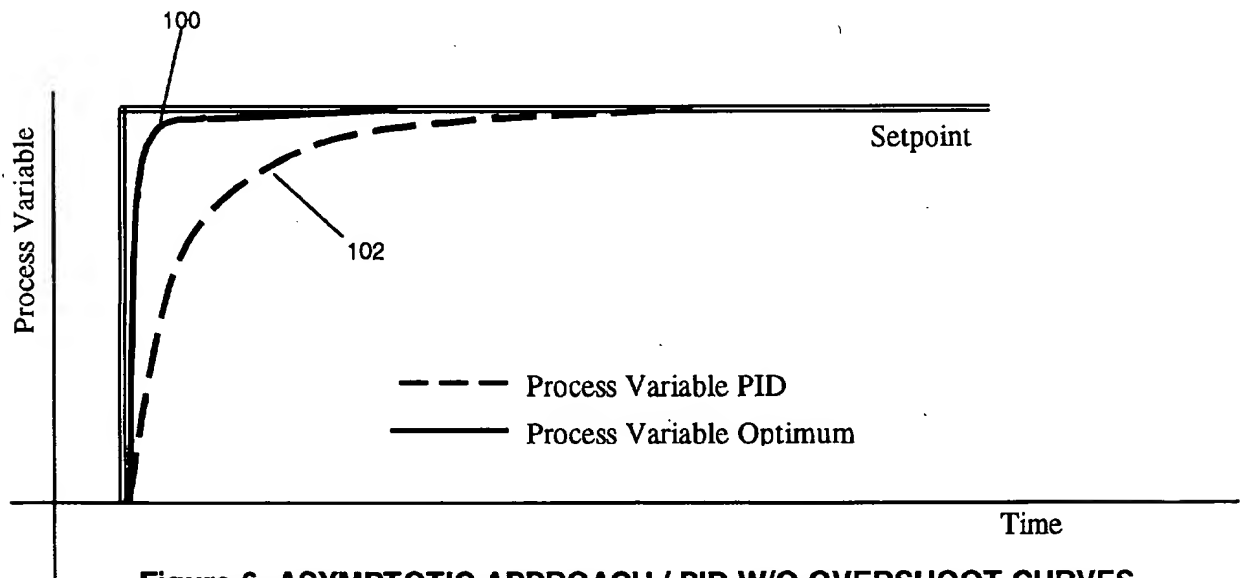


Figure 6: ASYMPTOTIC APPROACH / PID W/O OVERSHOOT CURVES